



PATENT ABSTRACTS OF JAPAN

(11) Publication number: **10025841 A**
 (43) Date of publication of application: **27.01.1998**

(51) Int. Cl. **E04B 2/56**

E04B 2/56, E04B 2/56, E04B 2/56, E04B 2/56, E04B 2/56,
 E04B 2/56, E04B 2/56, E04B 2/56, E04B 1/26, E04B 1/70

(21) Application number: **08199690**

(22) Date of filing: **10.07.1996**

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(54) EXTERIOR WALL STRUCTURE OF HOUSE

(57) Abstract:

PROBLEM TO BE SOLVED: To strengthen framework so as to improve earthquake resistance of exterior wall structure by fitting lateral edge of plywood into slits recessed at the opposed side edges of lateral columns erected on a still.

SOLUTION: Slits 4a, 4b are provided recessed at the front faces of the opposed side edges of lateral columns 1a, 1b erected on a still 2. Slits 5, 6 are provided recessed also at the upper part front face of the still 2 and the lower part front face of a girder 3. Plywood 7 such as a veneer board serving as a reinforcing plate is fitted into the slits 4a, 4b at the lateral edges between the lateral columns 1a, 1b, and the lower edge is fitted into the slit 5 of the sill, while the upper edge is fitted into the slit 6 of the girder 3. A gas permeable waterproof sheet 8 is stuck to the front face of the plywood 7, and the suitable number of vertical sash bars 9 are nailed to the plywood 7 from the top of the waterproof sheet 8. Exterior material 10 is further nailed to the columns 1a, 1b and the vertical sash bars 9. A space between the vertical sash bars 9, 9

is made an air passage. Framework structure formed of the columns 1a, 1b, the still 2 and the girder 3 is strengthened by the plywood 7 so as to improve earthquake resistance.

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